



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Thomas A. Dye; Manuel J. Alvarez II; Peter Geiger  
Assignee: Quickshift, Inc. (f/k/a Interactive Silicon, Inc.)  
Title: Memory Module Including Scalable Embedded Parallel Data  
Compression And Decompression Engines  
Serial No.: 09/616,480 Filing Date: 7/14/2000  
Examiner: Howard L. Williams Group Art Unit: 2819  
Docket No.: 40532-P022US  
(f/k/a 5143-01801)

Dallas, Texas  
October 15, 2004

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY TO NON-FINAL OFFICE ACTION DATED 4/16/04**

**I. INTRODUCTORY COMMENTS**

Dear Sir:

This paper is responsive to the Office Action dated April 16, 2004, having a shortened statutory period expiring on July 16, 2004. A petition for a three-month extension of time is included herewith. Further examination and reconsideration are respectfully requested in view of the remarks set forth below.

**Remarks** begin on page 2 of this paper and the **Conclusion** begins on page 7 of this paper.